

**IN THE SPECIFICATION:**

***Please amend page 4, beginning at paragraph 7 as follows:***

A data bus serves to connect the nodes to one another, which supply optical information. The output of the nodes (for the sake of comprehensibility two nodes  $T_n$  and  $T_{n+1}$  are indicated) are fed to inputs of opto-electric signal transducers  $S/E_n$  and  $S/E_{n+1}$  as input signals. The electric signals ( $D_{i,n}$ ,  $D_{i,n+1}$ ) output from these transducers are linked with an AND gate 1. The number of the input and outputs of inputs to the gate corresponds to the number of the bus nodes. The output 2 of the AND gate 1 drives all the inputs ( $D_{o,n}$ ,  $D_{o,n+1}$ ) of the transducers  $S/E_n$  and  $S/E_{n+1}$  which supply optical signals in the form of a pulse to the nodes via optical transmission segments.

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**IN THE DRAWING:**

A replacement Figure 1 is submitted herewith in response to the objection by the Examiner.